Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 09 Jan 2023 until 23:59 on Tuesday 10 Jan 2023

Forecast Issued on Sunday 08 Jan 2023 at 11:47

Confidence: High for unsettled and often windy conditions through the next few day with showers or longer spells of rain or snow.

Headline for Monday 09 Jan 2023: Showers, wintry on the tops. Cold and windy.

Mountain weather hazards on Monday 09 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light snow showers (night)	Heavy snow showers (night)	Sunny intervals	Cloudy	Sleet	Light snow	Cloudy
Precipitation probability							
30%	30%	60%	30%	30%	70%	60%	30%

Forecast for Monday 09 Jan 2023

Weather: Showers overnight, wintry on the tops. Bright spells in the morning with the odd passing shower, wintry above 500m. A cloudy afternoon with showers becoming more frequent and heavy with a small chance of hail and thunder. Becoming mainly dry late evening.

Chance of cloud-free hill tops above 600m: 70% in morning, becoming 30% in afternoon.

Low Cloud and visibility: Mainly good visibility but becoming poor at times in showers. Patchy cloud and fog above 500 or 600m, mainly over western hills and as showers pass through but becoming more persistent for a few hours in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Monday 09 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/27 W	19/28 W	16/24 W	20/29 W	25/37 W	27/40 W	24/36 W	21/32 W	19/30 W
300	11/24 W	12/25 W	11/23 W	13/28 W	17/34 W	19/37 W	17/34 W	14/30 W	13/26 W
Valley	8/19 W	9/23 W	8/20 W	10/23 W	15/31 W	17/34 W	15/31 W	10/23 W	10/23 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-4	2/-4	1/-4	1/-5	1/-6	1/-6	2/-5	1/-5	1/-5
300	4/0	4/-0	4/-0	4/-1	4/-2	4/-2	4/-1	4/-1	4/-1
Valley	5/3	5/2	5/2	5/2	5/1	5/1	6/2	5/2	5/2
Freezing Level*	900m	800m	800m	800m	600m	700m	900m	800m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A cold and windy day up in the hills with gusts of 40 to 50mph in the afternoon above 600m.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 08 Jan 2023	10.4mm	22.6mm	30.6mm

Forecast for Tuesday 10 Jan 2023

Weather: Mainly dry overnight but rain, preceded by summit sleet, will arrive by morning. The rain will continue through the day, often heavy with strong winds bringing drenching conditions. Rain clearing to showers early evening.

Maximum wind: South or Southwest 30 to 40mph with gusts 50 to 60mph.

Chance of cloud-free hill tops above 600m: Almost nil chance through the day, becoming 70% later.

Low Cloud and visibility: Poor throughout the day with rain and extensive low cloud. Improving around dusk with cloud breaking up but still some temporary reductions in showers.

Temperature: **Valleys:** Plus 4C rising to 8 or 9C.
At 600m: Plus 2C rising to 6 or 7C, falling to Plus 3C in evening.
Freezing level: Above summits.

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